

DERWENT-ACC-NO: 1994-028111

DERWENT-WEEK: 199651

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TITLE: Tufted carpet support material -
comprises glass fibres predominantly cladded with polymer
giving impregnated glass yarn for protection from eg
mutual contact

INVENTOR: RAUCH, C

PATENT-ASSIGNEE: PORCHER TEXTILE SA[PORCN] , PORCHER
TEXTILE[PORCN]

PRIORITY-DATA: 1992FR-0009069 (July 17, 1992) ,
1994JP-0019961 (January 20,
1994)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
EP 580531 A1 010	D05C 017/02	January 26, 1994	F
DE 69305272 E 000	D05C 017/02	November 14, 1996	N/A
FR 2693744 A1 016	D05C 017/00	January 21, 1994	N/A
AU 9341968 A 000	D03D 015/00	January 20, 1994	N/A
CA 2100713 A 000	D04H 011/00	January 18, 1994	F
JP 07216718 A 007	D05C 015/08	August 15, 1995	N/A
AU 662230 B 000	D03D 015/00	August 24, 1995	N/A
EP 580531 B1 012	D05C 017/02	October 9, 1996	F

DESIGNATED-STATES: AT BE CH DE DK ES FR GB IT LI NL SE

CITED-DOCUMENTS: US 3320113; US 3642516 ; US 3864195 ; US

4263362

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
	APPL-DATE	
EP 580531A1	N/A	
1993EP-0420305	July 16, 1993	
DE 69305272E	N/A	
1993DE-0605272	July 16, 1993	
DE 69305272E	N/A	
1993EP-0420305	July 16, 1993	
DE 69305272E	Based on	EP 580531
	N/A	
FR 2693744A1	N/A	
1992FR-0009069	July 17, 1992	
AU 9341968A	N/A	
1993AU-0041968	July 16, 1993	
CA 2100713A	N/A	
1993CA-2100713	July 16, 1993	
JP 07216718A	N/A	
1994JP-0019961	January 20, 1994	
AU 662230B	N/A	
1993AU-0041968	July 16, 1993	
AU 662230B	Previous Publ.	AU 9341968
	N/A	
EP 580531B1	N/A	
1993EP-0420305	July 16, 1993	

INT-CL (IPC): A47G027/02, D03D015/00, D04H011/00,
D05C015/00,
D05C015/08, D05C017/00, D05C017/02, D06N007/00

ABSTRACTED-PUB-NO: EP 580531A

BASIC-ABSTRACT:

The carrier for a tufted material, to hold and anchor the tufts, is an unsized material which is virtually stable in normal use. It is composed of glass fibres, where a large number are cladded with a polymer to give an impregnated glass yarn to protect the glass fibres from mutual contact and from the movement of the tufting needles.

Before treatment with the polymer, the glass fibre material

weight is at least 100 g/m² with, at 100 g/m², at least 12 glass fibre warps and wefts per cm.. The warps and wefts can have the same or different thicknesses, at at least 34 tex.. Where the material weight is about 160 g/m², apart from the polymer, the warp/weft thickness is 68 tex or more. With an uncoated fabric weight of 210 g/m², using warps and wefts of 68 tex or more, the glass fibre warps are at 17.5 per cm or more, with wefts at 12.5 per cm or more. A 300 g/m² material uses glass fibres in a yarn thickness of 136 tex, with 9 warps per cm and 13 wefts per cm. A 160 g/m² material has 4800 glass filaments or more per cm in the warps and wefts, and a 210 g/m² fabric has 7000 glass filaments per cm in the warps and 4800 glass filaments per cm in the wefts.

USE/ADVANTAGE - The material is for mfg. fitted tufted floor coverings. The structure gives a long life for a carpeting which does not distort and resists the mechanical damage which could result from the tufting action.

ABSTRACTED-PUB-NO: EP 580531B

EQUIVALENT-ABSTRACTS:

Tuft support into which the threads that are to form the tufted carpeting wearing surface are inserted, characterised in that it is made up of a weave, the oiling of which has been kept, which is practically non-deformable in normal conditions of use, and made up of glass fibre yarns impregnated with a polymer to coat a large number of the filaments that make up each glass fibre yarn and so considerably restrict, during the tufting process, direct contact between, on the one hand, the yarns that form the glass weave and, on the other hand, tufting loom needles and the threads used to produce the wearing surface.

CHOSEN-DRAWING: Dwg.0/0 Dwg.0/0

TITLE-TERMS: TUFT CARPET SUPPORT MATERIAL COMPRISE GLASS
FIBRE PREDOMINANTLY

CLAD POLYMER IMPREGNATE GLASS YARN PROTECT
MUTUAL CONTACT

DERWENT-CLASS: A94 F05

CPI-CODES: A12-B05; A12-D02; F01-H06; F02-D;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 0306 1095 1294 2604 2724 2822 3159

Multipunch Codes: 017 034 04- 055 056 117 122 150 27& 441
477 541 542 614 664

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1994-012888